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A. NCDC PUBLICATIONS

1. #Climates of the World (1969) Presents average temperature and precipitation data for approximately 800 stations throughout the world. It also includes brief narrative descriptions of the climate of each continent and maps depicting the annual average worldwide distribution of temperature and precipitation. 8 x 10 inch, cardstock covers, 28 pages, price:

2. World Weather Records This six volume set contains monthly and annual tables of mean temperatures, mean pressures, and total precipitation for most stations throughout the world for which complete data for the ten year period were available.

	1961-70	1971-80	1981-90
Volume 1, North America	Out Of Print	\$14.00	\$20.00
Volume 2, Europe	Out Of Print	\$14.00	\$20.00
Volume 3, West Indies, South and Central America	\$8.00	\$14.00	\$20.00
Volume 4, Asia	\$8.00	\$14.00	\$20.00
Volume 5, Africa	\$8.00	\$14.00	\$20.00
Volume 6, Islands of the World	\$8.00	\$14.00	\$20.00

3. Monthly Climatic Data for the World (MCDW) Issued monthly only, and contains monthly mean values of surface and upper air measurements from a large number of selected stations throughout the world. The surface elements included are pressure, temperature, vapor pressure, precipitation, and percent of long-term averaged sunshine. The upper air data consist of height, temperature, dew point depression, and mean vector wind at standard constant pressure levels. FREE at web site: <http://www7.ncdc.noaa.gov/IPS/MCDWPubs?action=getpublication>

8 1/2 x 11 inch, paper cover, one year subscription (12 issues): \$46.00
 Back issues, at least one year available, per month \$ 7.00

B. DEFENSE DEPARTMENT FOREIGN DATA

1. Miscellaneous Summaries Weather data recorded by the U.S. Air Force and U.S. Navy weather services stateside and abroad are archived on paper at NCDC. Hourly surface data are available from many locations since the 1940s on one form per day. Some autographic charts and radiosonde records are available. Much of this military data is also available in digital form, and can be printed on paper at cost. Summarized data available ranges from 1 sheet monthly averages to several-hundred page 3-hourly summaries. Climatic summaries are also available for many regions of the world. See Item H-2, this list, for a partial inventory of summaries available. Call or write for specific cost estimates.

2. Worldwide Airfield Summaries This series of summaries presents monthly and annual climatological information for approximately 4,000 airfields and climatic areas throughout the world. The period of record varies by stations and elements. The data used is prior to 1974. These summaries were prepared by U.S. Air Force Environmental Technical Applications Center (ETAC) for the U.S. Naval Oceanography Command and are archived on one CD-ROM (see item D-1 on this list for ordering details). Copies of data for individual stations are available in paper. Call or write for an estimate.

3. Upper Air Studies Joint U.S. Navy/U.S. Air Force Climatic Study of the upper atmosphere. These atlases introduce a new historical gridded upper air data set. Data in these atlases were produced by summarizing the European Center for Medium-Range Weather Forecasts (ECMWF) 00 & 12Z gridded analyses for 1980-85. Also available on CD-ROM (see item D-2) for period 1980-1991.

Volume I	January	NAVAIR 50-1C-1	\$12.50
Volume II	February	NAVAIR 50-1C-2	\$12.50
Volume III	March	NAVAIR 50-1C-3	\$12.50
Volume IV	April	NAVAIR 50-1C-4	\$12.50
Volume V	May	NAVAIR 50-1C-5	\$12.50
Volume VI	June	NAVAIR 50-1C-6	\$12.50
Volume VII	July	NAVAIR 50-1C-7	\$12.50
Volume VIII	August	NAVAIR 50-1C-8	\$12.50
Volume IX	September	NAVAIR 50-1C-9	\$12.50
Volume X	October	NAVAIR 50-1C-10	\$12.50
Volume XI	November	NAVAIR 50-1C-11	\$12.50
Volume XII	December	NAVAIR 50-1C-12	\$12.50

4. Summary of Meteorological Observations-Surface (SMOS) Monthly and annual summaries (some by 3-hour groups) of weather conditions; precipitation; surface winds; ceiling versus visibility and sky cover; temperature and relative humidity; and pressure for approximately 980 worldwide locations (These are contained on one CD-ROM; see item D-1). Data available on paper for copying costs. Call or write for details.

5. Revised Uniform Summary of Surface Weather Observations (RUSSWO)/Surface Observational Climate Summary (SOCS) The same summaries listed above in the SMOS are available for approximately 450 worldwide locations for paper copy costs. Various periods of record are available. Call or write for details.

* TDD = Telecommunications Device for the Deaf

FREE (WEB SITE: <http://www4.ncdc.noaa.gov/cgi-win/wwcgi.dll?wwAW-MP-F>)

C. DIGITAL DATA ON TAPE AND DISKETTE Numerous datasets including worldwide surface and upper-air observations, worldwide gridded upper-air, worldwide cloud analysis, worldwide snow depth climatology, and many others. Call or write for details.

D. CD-ROMS (See CD-ROM price list for further details)

1. International Station Meteorological Climate Summary (Ver. 4.0) Detailed summaries for 2600 locations plus limited summaries for 5000 locations. Cost: \$175.00
2. Global Upper Air Climatic Atlas A 12-year (1980-91) 2.5 degree upper air climatology with graphical interface. Cost: \$350.00
3. U.S. Navy Marine Climatic Atlas of the World (Ver 1.1) Analysis and display of climatological averages of atmospheric and oceanographic data. Cost: \$175.00
4. Global Tropical and Extratropical Cyclone Climate Atlas (GTECCA) Global historic tropical storm track data plus northern hemispheric extratropical storm track data. Cost: \$175.00
5. Global Daily Summary A 10,000-station set of daily maximum/minimum temperature, precipitation, and 3-hourly present weather for 1977-1991. Cost: \$175.00
6. Global Upper Air Statistics 1980-1995 upper air statistics (2.5 degree grid). Cost: \$100.00
7. Global Historical Fields Daily northern hemisphere surface and upper air charts for 1899-1994. Cost \$175.00

E. FOREIGN DATA PUBLICATIONS COLLECTION

The NCDC Foreign Data Collection consists of over 100,000 volumes of publications printed in foreign countries and exchanged with NOAA for US climate publications. The collection contains worldwide average meteorological data on a country-by-country basis. A card index file is used to locate potentially useful data.

Searches for specific data can be made and applicable pages copied. Certification of copied pages is available for a \$91.00 charge (possibly more for large amounts of data). Write or call for specific estimates.

Significant large holdings include publications from:

- | | | |
|--------------|----------------|-------------------|
| 1. Argentina | 4. Germany | 7. Poland |
| 2. Australia | 5. Japan | 8. United Kingdom |
| 3. France | 6. Philippines | 9. USSR |

F. WORLD DATA CENTER-A FOR METEOROLOGY

Of particular interest to research scientists are the collections of WDC-A for Meteorology, collocated with NCDC. Catalogs have been published and are available in most large research libraries for data bases available, which include: GATE, FGGE, MONEX, WAMEX, ALPEX, IFYGL, and STREX. Write the NCDC, ATTN: WDC-A for further information and current prices.

G. NOAA LIBRARY

Contains an extensive collection of foreign weather data publications. Visitors are welcome.

NOAA Central Library
2nd Floor, SSMC3
1315 East-West Highway
Silver Spring, MD 20910

H. GUIDES AND CATALOGS

1. NCDC Products & Services Guide -
Contains brief descriptions of many NCDC domestic, and some NCDC foreign holdings that are available on line or for direct purchase. Available free from NCDC & online: <http://www.ncdc.noaa.gov/oa/ncdc.html> then click on Most Popular, then Free.

2. Guide to Standard Weather Summaries and Climatic Services (NAVAIR 50-IC-534) (Asheville, NC: NOCD, 1986). Contains the most complete site inventory available of NCDC foreign (and domestic) summarized unpublished tabulations.

3. Catalog of Publications of the World Meteorological Organization (Geneva, Switzerland: WMO, 1983) and latest price checklist. Free. For U.S. and Canadian requests, order from:

American Meteorological Society
45 Beacon St.
Boston, MA 02108
Phone: 617-227-2425 (ask for publications)

4. OL-A, AFCCC Directory of Climatic Databases (Asheville, NC: 1996). Descriptions of many Air Force climatic databases available from Federal Climate Complex in Asheville, NC. Free from NCDC.